FORM PTO 1449

U.S. Department of Commerce Patent and Trademark Office

INFORMATION DISCLOSURE CITATION

Attorney Docket No. 82402-3802

Applicant Phillip Guy et al

Filing Date
June 24, 1999

PARENTAL GROUP

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	DATE	NAME	Class	Sub Class	Filing Date
		FOR	EIGN PATENT DOCUMENTS			
	Document Number	DATE	COUNTRY	Class	Sub Class	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

	OTHER DOCONERTS (including Additio), Title, Bate, Fertiller (1985)				
RK	Christensen et al, Maize polyubiquitin genes: structure, thermal perturbation of expression al transcript splicing, and promoter activity following transfer to protoplasts by electroporation				
1000	1992, Plant Molecular Biology 18: 675-689				
	Andrews and Pomeroy, Metabolic Acclimation to Hypoxia in Winter Cereals, 1989, <i>Plant Physiol</i> 91: 1063-1068				
}	Xia and Roberts, Regulation of H ⁺ Extrusion and Cytoplasmic pH in Maize Root Tips Acclimated to a Low-Oxygen Environment, 1996, <i>Plant Physiol</i> 111: 227-233				
	Taylor et al, A cereal haemoglobin gene is expressed in seed and root tissues under anaerobic conditions, 1994, <i>Plant Molecular Biology</i> 24: 853-862				
	Hanson and Jacobsen, Control of Lactate Dehydrogenase, Lactate Glycolysis, and α-Amylase by O ₂ Deficit in Barley Aleurone Layers, 1984, <i>Plant Phyiol</i> 75: 566-572				
	Becker et al, Fertile transgenic wheat from microprojectile bombardment of scutellar tissue, 1994, <i>The Plant Journal</i> 5: 299-307				
	Johnson et al, Hypoxic Induction of Anoxia Tolerance in Root Tips of Zea mays, 1989, Plant Physiol 91: 837-841				
	Andersson et al, A new hemoglobin gene from soybean: A role for hemoglobin in all plant 1996, PNAS 93: 5682-5687				
	Kaeppler et al, Silicon carbide fiber-mediated stable transformation of plant cells, 1992, <i>Theor Appl Genet</i> 84: 560-566				
	Appleby, The origin and functions of haemoglobin in plants, 1992, <i>Sci Progress Oxford</i> 76: 365-398				
	Wittenberg and Wittenberg, Mechanisms of cytoplasmic hemoglobin and myoglobin function, 1990, Annu Rev Biophys Biophys Chem 19: 217-241				
P	Xia and Saglio, Lactic Acid Efflux as a Mechanism of Hypoxic Acclimation of Maize Root Tips to Anoxia, 1992, <i>Plant Physiol</i> 100: 40-46				

Rundl Wallin

3/3/04

Sheet <u>2</u> of 2

RN	Duff et al, Expression, Purification, and Properties of Reconstruction Barley (Hordeum sp.)				
13	Hemoglobin, 1997, <i>JBC</i> : 16746-16752				
	Nie and Hill, Mitochondrial Respiration and Hemoglobin Gene Expression in Barley Aleurone Tissue, 1997, <i>Plant Physiol</i> 114: 835-840				
	Murashige and Skoog, A Revised Medium for Rapid Growth and Bio Assays with Tobacco Tissue Cultures, 1962, <i>Physiologica Plantarum</i> 15: 473-497				
	Heslop-Harrison et al, The evaluation of pollen quality, and a further appraisal of the fluorochromatic (FCR) test procedure, 1984, <i>Theor Appl Genet</i> 67: 367-375				
	Trevaskis et al, Two hemoglobin genes in <i>Arabidopsis thaliana</i> : The evolutionary origins of leghemoglobins, 1997, <i>PNAS</i> 94: 12230-12234				
	Andersson et al, A new hemoglobin gene from soybean: A role for hemoglobin in all plants, 1996, PNAS 93: 5682-5687				
Vin					

Examiner Brasha Chemdenu.	Date Considered 7/27 (01.
Panel thalls	3/3/04